## EAST Search History

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S9	29	(((TAKASHI) near2 (AKABA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/19 13:10
S10	52	(((SHUHO) near2 (TSUBOTA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/19 13:10
S11	157	((KENJI) near2 (NISHIKAWA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/19 13:10
S12	22	((NORIAKI) near2 (SUGIMOTO)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/19 13:11
S13	77	((SHOJI) near2 (KUSHIMOTO)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/19 13:11
S14	167	(((TAKASHI) near2 (ISHIDE)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/19 13:11
S15	28	(((TAKAHIRO) near2 (OHTA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/19 13:11
S22	1055	219/121.78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 11:00
S25	472	219/125.11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 11:13
S26	28	S25 and laser and pip\$3	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 11:13
S27	968	(residual stress) with pip\$3	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/04/20 11:18
S28	51	S27 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 11:18
S32	138	((t-pipe\$3) or (T Pip\$3) or branch \$3) with laser with weld\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 14:03
S38	129	((t-pipe\$3) or (T Pip\$3)) with weld \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 16:35

S39	28	laser with weld\$3 with (multi-axi\$3 or multi axi\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 17:36
S40	5	laser with head with weld\$3 with (multi-axi\$3 or multi axi\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 17:38
S41	259	laser with head with weld\$3 with (axi\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 17:41
S44	472	219/125.11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 18:28
S45	1	laser with head with weld\$3 with (arcuate)	US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/21 08:52
S46	948	219/121.82	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/21 08:56
S47	4	S46 and laser with weld\$3 with (multi-axi\$3 or multi axi\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/21 08:57
S48	16	\$46 and laser with head with weld \$3 with (axi\$3)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/21 08:58
S49	1058	219/121.78	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/21 09:01
S50	233	laser with head with weld\$3 with (support\$3)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/21 09:36
S59	19	plurality with laser with head with weld\$3 with (support\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/21 14:55
S61	619	(219/121.8).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB	OR	OFF	2009/09/15 17:20
S63	423	219/121.79	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/15 17:48
S65	173	148/519	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/15 17:52
S75	710	(219/61).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/08 14:47
S78	269	219/125.12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/08 16:11

S79	87	S78 and pip\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/08 16:11
S81	279	219/76.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/08 16:22
S82	71	\$81 and pip\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/08 16:23
S83	1099	219/121.78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/08 16:26
S84	95	\$83 and pip\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/08 16:26
S89	13640	"266"/\$.ccls. and (pip\$3 or tube or tubular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/08 16:49
S90	160	S89 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/08 16:50
S91	5983	"228"/\$.cds. and (pip\$3 or tube or tubular) and (weld or laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/08 16:53
S92	301	S91 and ((t-pipe\$3) or (T Pip\$3) or branch\$3 or (T-joint) or (T joint))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/08 16:54
S105	1009	"228"/\$.ccls. and (pip\$3 or tube or tubular) and (laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/11 12:24
S116	353	(228/29).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/21 19:46
S122	196	(219/60.2).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/22 09:33
S124	866	(pip\$3 or tub\$3) with rail\$3 with ring	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/22 09:58
S125	506	\$124 and (weld\$3 or heat\$3 or braz \$3 or stress\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/22 09:59
S126	5609	(((t-pipe\$3) or (T Pip\$3) or branch \$3) with weld\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 10:09
S127	869	S126 and (roller or wheel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 10:09
S128	436	(219/60A).COLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/22 10:34

S134	22		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 15:27
S135	882	laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/22 15:33

## EAST Search History (Interference)

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